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JULY 1999
U.S. PATENT & TRADEMARK OFFICE
Patent Application
Commissioner of Patents and Trademarks
Washington, D.C. 20231

A
Docket No. AMAT/3577/PDD/KPU1/JW
jc490 U 09/30/99 PTO 06/18/99
06/18/99
06/18/99

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re: Inventor(s): JUDY HUANG
Title: PLASMA TREATMENT TO ENHANCE ADHESION AND TO MINIMIZE OXIDATION OF CARBON-CONTAINING LAYERS

Transmitted herewith is the patent application identified above, including:

Specification, claims and abstract, totaling 20 pages.
 Drawings totaling 3 pages, Formal Informal.
 Executed Declaration and Power of Attorney.
 Information Disclosure Statement w/ Form 1449 and References.
 Assignment of the invention to **Applied Materials, Inc.**
  Assignment Recordation Cover Sheet

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FEES CALCULATION

Fee Items	Claims Filed	Included With Basic Fee	Extra Claims	Fee Rate	Total
Total Claims	23	-20=	3	x \$18.00	\$ 54.00
Independent Claims	3	-3=		x \$78.00	\$ 0.00
Basic Filing Fee				\$760.00	\$760.00
TOTAL FEES					\$814.00

The Commissioner is hereby authorized to charge \$814.00 to Deposit Account No. 01-1651/AMAT/3577/PDD/KPU1/JW.
 The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-1651/AMAT/3577/PDD/KPU1/JW. A duplicate copy of this transmittal is enclosed.
 Please address all future correspondence to:

**PATENT COUNSEL
APPLIED MATERIALS, INC.
Legal Affairs Department
P.O.BOX 450A
Santa Clara, CA. 95052**

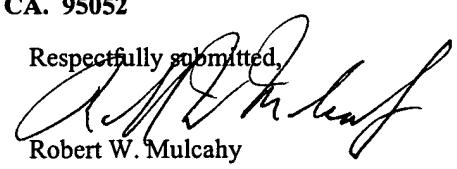
I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

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Date of Deposit 6/18/99

Signature Robert W. Mulcahy

Respectfully submitted,


Robert W. Mulcahy
Registration No. 25,436

UNITED STATES PATENT APPLICATION FOR:

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**PLASMA TREATMENT TO ENHANCE ADHESION
AND TO MINIMIZE OXIDATION OF CARBON-CONTAINING LAYERS**

INVENTOR:

JUDY HUANG

Certification Under 37 CFR 1.10

I hereby certify that this New Application and the documents referred to as enclosed therein are being deposited with the United States Postal Service on 6/18/99, in an envelope marked as "Express Mail United States Postal Service", Mailing Label No. EL266338514US, addressed to: Assistant Commissioner for Patents, Box PATENT APPLICATION, Washington, D.C. 20231.

BETH MULCAHY
Name

Beth Mulcahy
Signature

6/18/1999
Date of Signature